

# Interference

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	JP-2003020176-\$.did.	JPO; DERWENT	OR	ON	2008/01/30 12:39
L3	1	2002JP-0355563.ap,prai.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/30 12:49
L4	682	187/250,251.ccls. and @pd<"20030715"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/30 13:43
L5	286	187/250,251.ccls. and @ad<"20030715"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/30 13:52
L6	2	((machine\$1room\$1less (without "no" "not") near4 (machine\$1room)) and (shaft hoist\$1way shaft\$1way) and elevator and (car cab carriage basket cage) and (counter\$1weight co\$6balanc\$3 balanc\$4weight balanc\$3mass co\$6mass) and (driv\$3 motor machine power\$3) and (sheave pulley) with ((traction motor driv\$3 power\$3 machine) and (diagonal\$2 ang\$5 inclin\$5 oblique\$2) and (beam support\$3 brac\$3 elongat\$3 linea\$1 mount\$3)))..clm.	US-PGPUB	OR	ON	2008/01/30 14:03
L7	494	187/406.ccls. and @pd<"20030715"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/30 14:05
L8	453	7 not 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/01/30 14:05
S1	7371	((187/251,264,292,345,406) or (74/473.29,604,574.4) or (248/638,317) or (188/378,290) or (254/277,392)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/02 19:10
S2	7608	((187/251,264,292,345,406,411) or (74/473.29,604,574.4) or (248/638,317) or (188/378,290) or (254/277,392)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/06/25 13:21
S3	6994	S2 and @pd<"20030715"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/02 19:10
S4	405	S3 and (dead\$1end hitch\$3 dampen\$3 damp\$3) near10 ((cable rop\$3 tens\$5 support\$3 hoist\$3 suspen\$4 belt) and ((cross\$1 lateral) adj (beam member piece section\$2 bear\$3 support\$3)) (beam member bearing plate base) and (drive machine motor power))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/25 13:39

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S5	50	((("20050060979") or ("20030188930") or ("5429211") or ("5469937") or ("5823298") or ("5878847") or ("5906251") or ("6148962") or ("6488124") or ("6640935") or ("6651780") or ("6655500") or ("7225901") or ("20020017434") or ("20050217944") or ("20050236232") or ("20060231345") or ("20060243530") or ("20060243531") or ("20070017750") or ("5230404") or ("4072213") or ("5513724") or ("5370205") or ("4846309") or ("5361873") or ("6305501") or ("7207421") or ("20040016602") or ("20040016603") or ("20050006180") or ("20050087397") or ("20050126859") or ("20050224301") or ("20050284705") or ("20060196730") or ("20060243540") or ("20060243541") or ("20060289246") or ("20070012524") or ("6068087") or ("6138799") or ("6193018") or ("3653467") or ("3835959") or ("H000702") or ("5228540") or ("6435316") or ("6830131") or ("7025177") or ("").pn.)). PN.	US-PGPUB; USPAT	OR	OFF	2007/06/25 13:36
S6	405	S4 not S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/25 13:36
S7	1	S4 and B66B	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/25 13:39
S8	19	S4 and B66B\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/25 13:39
S9	20	("0524344"   "1270716"   "3260330"   "3292737"   "3606459"   "3650317"   "3846939"   "4476772"   "5129485"   "5205379"   "5351787").PN. OR ("5845745"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/25 13:45
S10	0	1999WO-CH33742.ap,prai.	EPO; JPO; DERWENT	OR	ON	2007/06/25 13:47
S11	0	1999WO-CH033742.ap,prai.	EPO; JPO; DERWENT	OR	ON	2007/06/25 13:47
S12	0	WO-99033742.ap,prai.	EPO; JPO; DERWENT	OR	ON	2007/06/25 13:47
S13	0	WO-9933742.ap,prai.	EPO; JPO; DERWENT	OR	ON	2007/06/25 13:47
S14	2	WO-9933742-\$.did.	EPO; JPO; DERWENT	OR	ON	2007/06/25 13:48
S15	1	("4664230").PN.	USPAT	OR	OFF	2007/06/25 13:48
S16	2	EP-686594-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/25 13:50
S17	2	EP-710618-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/25 13:50
S18	3	((("5533595") or ("5957243") or ("6742628") or ("20040035645") or ("20030038005")).PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2007/06/25 14:00

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S19	2	((("20040035645") or ("20030038005")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/06/25 13:58
S20	0	202WO-FI00054.ap,prai.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/25 14:02
S21	1	2002WO-FI00054.ap,prai.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/25 14:11
S22	0	2000WO-CH0000543.ap,prai.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/25 14:03
S23	1	2000WO-CH00543.ap,prai.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/25 14:03
S24	0	WO-2002059028-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/25 14:12
S25	0	WO-2002059028.ap,prai.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/25 14:13
S26	1	WO-200259028-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/25 14:13
S27	1623	(187/251,259,264,292,345,406).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/02 19:10
S28	1505	S27 and @pd<"20030715"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/04 22:34
S29	12	S28 and ((pulley sheave rotat\$4) near2 (deflect\$3 divert\$3 guid\$3)) near6 ((base plate platform frame) and (support\$3 mount\$3 fasten\$3 attach\$4 brac\$3 support\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/02 19:21
S30	2471	B66B011/08.ipc B66B007/06.ipc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/06 21:01

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S31	1631	S30 and @pd<"20030715"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/02 19:20
S32	9	S31 and ((pulley sheave rotat\$4) near2 (deflect\$3 divert\$3 guid\$3)) near6 ((base plate platform frame) and (support\$3 mount\$3 fasten\$3 attach\$4 brac\$3 support\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/06 21:02
S33	8	S32 not S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/02 19:22
S34	0	"2002WO-FI00054.ap,prai"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/02 20:29
S35	1	2002WO-FI00054.ap,prai.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/02 20:29
S39	1	("5429211").PN.	USPAT	OR	OFF	2007/07/06 14:46
S40	2471	B66B011/08.ipc B66B007/06.ipc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/04 22:42
S41	1631	S40 and @pd<"20030715"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/06 21:13
S42	17	S41 and ((pulley sheave rotat\$4) near2 (driv\$3 traction)) same (diagonal\$2 angle\$1 symmetric\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/06 21:10
S43	3	S41 and (driv\$3 machine traction) near6 ((diagonal\$2 angle\$1 symmetric\$4) and (axis axes center\$1line))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/04 22:34
S44	3	S41 and (driv\$3 hoist\$3 machine traction) near6 ((diagonal\$2 angle\$1 symmetric\$4) and (axis axes center\$1line))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/06 21:13
S45	1	S44 not S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/06 21:12
S46	1505	187/251,259,264,292,345,406.ccls. and @pd<"20030715"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/06 21:13

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S47	9	S46 and (driv\$3 hoist\$3 machine traction) near6 ((diagonal\$2 angle\$1 symmetric\$4) and (axis axes center\$1line))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/06 21:14
S48	8	S47 not S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/06 21:14
S49	1	WO-200127015-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/04 22:19
S50	2	JP-2004189346-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/04 22:30
S51	98	"187".clas. and KAWASAKI	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/04 22:31
S52	3	S51 and MIKI	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/04 22:31
S53	7099	(B66B011/\$2.ipc B66B007/\$2.ipc.) and @pd<"20030715"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/04 22:43
S54	0	S53 and ((driv\$3 hoist\$3 elevat\$3 traction) adj (machine driv\$3 motor)) near10 ((diagonal\$2 angle\$1 symmetric\$4) and (axis axes center\$1line))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/04 22:46
S55	1	S53 and ((driv\$3 hoist\$3 elevat\$3 traction) adj (machine driv\$3 motor)) near10 ((diagonal\$2 angle\$1 symmetric\$4) and (beam support\$3 elongat\$3 base))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/04 22:45
S56	2	S53 and ((driv\$3 hoist\$3 elevat\$3 traction) adj (machine driv\$3 device motor)) near10 ((diagonal\$2 angle\$1 symmetric\$4) and (beam support\$3 elongat\$3 base))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/04 22:46
S57	1	S53 and ((driv\$3 hoist\$3 elevat\$3 traction) adj (machine driv\$3 device motor)) same ((diagonal\$2 angle\$1 symmetric\$4) and (beam support\$3 elongat\$3 base) and (axis axes center\$1line))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/04 22:50
S58	7674	((187/251,264,292,345,406,411) or (74/473.29,604,574.4) or (248/638,317) or (188/378,290) or (254/277,392)). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/04 22:50

## EAST Search History

S59	6997	S58 and @pd<"20030715"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/04 22:52
S60	30	S59 and ((driv\$3 hoist\$3 elevat\$3 traction) adj (machine driv\$3 device motor)) same ((diagonal\$2 angle\$1 symmetric\$4) and (beam support\$3 elongat\$3 base) and (axis axes center\$1line))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/04 22:52
S61	259	187/254.ccls. and @pd<"20030715"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/04 22:52
S62	6	S61 and ((driv\$3 hoist\$3 elevat\$3 traction) adj (machine driv\$3 device motor)) same ((diagonal\$2 angle\$1 symmetric\$4) and (beam support\$3 elongat\$3 base) and (axis axes center\$1line))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/04 22:54
S63	34	S60 S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/04 22:52
S64	1	(elevator and (machine\$1room\$1less (without "no" "not") near2 (machine\$1room machine\$1space machine\$1enclosure machine\$1house\$3 drive\$1house\$3 drive\$1space drive\$1room)) and ((driv\$3 hoist\$3 elevat\$3 traction) adj (machine driv\$3 device motor)) same ((diagonal\$2 angle\$1 symmetric\$4) and (beam support\$3 elongat\$3 base) and (axis axes center\$1line))))).clm.	US-PGPUB	OR	ON	2007/12/04 22:59